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**PT. SINKO PRIMA ALLOY**

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## **1. TECHNICAL SPECIFICATION LED EXAMINATION**

### **LAMP**

Working and Storage Condition

Working environment :

- a) Temperature : 15°C ~ 40°C
- b) Humidity : 40% ~ 60%
- c) Atmospheric pressure : 860 hpa ~ 1060 hpa

Transport and Storage Environment :

- a) Temperatur : 15°C ~ 40°C
- b) Kelembaban relatif : 40% ~ 60%
- c) Tekanan atmosfir : 500 hpa ~ 1060 hpa

### **TECHNICAL SPECIFICATION**

Input Power	: AC 110V ~ 220V, 50Hz/60Hz
Light Intensity	: >60000 Lux 30 cm >35000 Lux 0,5 m >10000 Lux 1 m
Power	: 5W
CRI (Color Rendering Index)	: >85%
Arm	: ±1050 mm

Adjust	: Lamp Setting
Radiation Ratio (W/m <sup>2</sup> )	: $\geq 120 \text{ W/m}^2$ 0.5m / $\geq 40 \text{ W/m}^2$ 1m
Depth	: 100 mm
Color temperature	: >4200K
Weight	: 5.1 kg
LED Lifespan	: 50000 Hours
Dimension	: 550 (P) x 550 (L) x 2270 (T) mm
Lens Diameter	: 50 mm
Light Diameter	: 130 mm (1m) / 70 mm (0.5 m)

## 2 SAFETY PRECAUTIONS

- 2.1 This tool is recommended for use by adults.
- 2.2 Read this manual carefully before operating the unit and operate the device according to the standard operational product.
- 2.3 The unit needs to be cleaned after usage.
- 2.4 Cleaning needs to be done once a day.
- 2.5 Do not use it in a humid place
- 2.6 Please turn off the unit and disconnect the power supply cable before cleaning and wiping.
- 2.7 Do not stare at this lamp when operated.
- 2.8 Keep away from fire.

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## **3 REGULATIONS**

**3.1 Under normal conditions use according to the instructions for**

Use of this unit, if this unit has some problems, please contact our customer service. The company has sales records and customer records for each unit that gets a one-year service guarantee from the date of initial purchase depending on conditions and time.

**3.2 Even though the maintenance period is free, we charge for repairs for the following reasons:**

- 3.2.1 Errors in use caused by operations outside the unit's instructions for use. (Damaged due to impact, dropping, or other errors; the unit does not work due to exposure to water or other errors)**
- 3.2.2 Error caused to fall when the user has left the purchase location.**
- 3.2.3 Errors in preparation, reconstruction, decomposition and so on are outside the standard of our company.**
- 3.2.4 Damage caused by natural disasters for example: fire, flood, earthquake and others.**

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- 3.2.5 Damage caused by the unstable electricity voltage drastically or outside the standard voltage provisions of the unit.
  - 3.3 During the warranty period, free replacement of spare parts for one year. Except power cable, user instruction and packing load.
  - 3.4 Free maintenance service will be canceled if we find a broken seal.
  - 3.5 For maintenance costs beyond the warranty period, our company recommends to continue using "Periodic Maintenance Contact".

#### **4 ATTENTION TO USE**

- 4.1 Read these instructions for use carefully before operating to ensure that the unit can be used safely and effectively.
- 4.2 Installation and maintenance of equipment must be carried out following these instructions for use.
- 4.3 This unit must be placed flat. Put it in a safe place when it will be moved. Avoid vibrations and shocks that are too strong
- 4.4 AC frequency and voltage value must be according to need, and have sufficient current capacity.
- 4.5 Check all equipment, whether it is installed properly and correctly and in accordance with the place.

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## **5 ELECTRICAL CONNECTION TO LED CHECK LIGHTS**

- 5.1 Make sure the AC power supply complies with the specifications.
- 5.2 Connect the power cord / plug from the unit to an outlet that has been grounded properly.
- 5.3 Make sure the power indicator light on the unit is on.
- 5.4 If the power cable is not properly connected before operating the unit, it is possible that the unit is not working properly due to inefficient power input

## **6 HOW TO CHECK LED EXAMINATION LAMP**

- 6.1 Connect the power cable in the power socket.
- 6.2 Press the power switch.
- 6.3 Place the check lamp in the desired position.
- 6.4 Focus the LED light on the patient / object.
- 6.5 Adjust the exposure button as desired.
- 6.6 Do an examination.
- 6.7 Finished checking press the power switch to the OFF position.
- 6.8 Disconnect the power cable from the power socket.
- 6.9 Store the check lamp in place.

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## 7 TROUBLESHOOTING

No	Problem	Solution
1	Totally dead	<ul style="list-style-type: none"><li>• Check power cable connection</li><li>• Check the power cord socket connection to the unit.</li><li>• Check fuse, if broken replace new fuse</li></ul>
2	Doesn't work	<ul style="list-style-type: none"><li>• Check the power light indicator is on or off.</li><li>• Check whether the mains voltage is normal or not</li></ul>

## 8 CARE AND MAINTENANCE

8.1 The buyer is not permitted to open or unload the contents in the unit. Every maintenance or renewal must be carried out by a trained and professional person authorized by PT. Sinko Prima Alloy. Maintenance must be carried out with original components from PT. Sinko Prima Alloy.

8.2 Please withdraw the power supply steaker when the electric power is about to be turned off. If this unit is not used for a long time, please withdraw the power supply steaker from the power source, then place the unit in a cool, dry and dry place.

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8.3 The unit should be maintained and cleaned regularly.

#### **Cleaning Elitech LED Examination Lamp :**

- a) First the power cord must be disconnected from the power source.
- b) Wet a clean rag without chemicals and then rub it evenly throughout the unit.
- c) use a dry, clean cloth to dry, until the whole unit is completely dry and clean.

#### **9 WARRANTY**

Warranty Sinko Prima Alloy warrants that PT. SINKO PRIMA ALLOY's products meet the labeled specifications of the products and will be free from defects in materials and workmanship that occur within warranty period. The warranty is void in cases of: Kerusakan selanjutnya yang disebabkan oleh penggunaan atau perawatan yang tidak tepat.

- A. Damage caused by mishandling during shipping.
- B. Subsequent damage caused by improper use or maintenance.
- C. Damage caused by alteration or repair by anyone not authorized by PT. SINKO PRIMA ALLOY.
- D. Damage caused by accidents.
- E. Replacement or removal of serial number label and

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manufacture label. If a product covered by this warranty is determined to be defective because of defective materials, components, or workmanship, and the warranty claim is made within the warranty period, PT. SINKO PRIMA ALLOY will, at its discretion, repair or replace the defective part(s) free of charge. PT. SINKO PRIMA ALLOY will not provide a substitute product for use when the defective product is being repaired. Contact Information If you have any question about maintenance, technical specifications or malfunctions of devices, contact your local distributor. Alternatively, you can send an email to PT. SINKO PRIMA ALLOY service department at: [aftersales@elitech.co.id](mailto:aftersales@elitech.co.id)

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# **EXAMINATION LAMP**

## **MEL-02**

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**MANUAL BOOK**

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